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(54) Title: ISOLATED VSHK-1 RECEPTOR POLYPEPTIDES AND METHODS OF USE THEREOF

(57) Abstract

A new seven transmembrane receptor has been identified, and the amino acid and nucleotide sequence of the receptor are provided. The nucleotide sequence is useful to construct expression cassettes and vectors to produce host cells which are capable of expressing the receptor, its mutants, fragments, or fusions. Such polypeptides are useful for identifying new receptor binding agonists and antagonists.

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AAAAGTAGCFGGAGTER	COTCATTO	ATTTATAC	TCYGTACTCA	AGACTOCTC	TETETOCCO	ACTACANCRGA				CAACAGATTA S T D Y	
	140	150	160	176	160	180	200	216	220	230	240
ATTAGGAAAATGAAATG	F G T	Y D Y	S O Y	E L I (: I K K	D V R	B F A I	L V P L	P V P	TCACAATAGT L T I V	TTTCG F>
	260	270	260	290	300	310	320	330	340	350	360
TCATTOGACTTOCAGGC	AATTCCATO	OTROTOGCA V V A	ATTATOCCT	ATTACAMON Y Y K I	C Q R F	K T D	TOTACATCC	CAATTTOOC:	TOTAGCAGATT	TACTCCTTCT	ATTCA F>
370	380	390	400	410	470	430	440	450	460	2 470	480
T L P P W A	V H A	A N Q	V V L	CCAAAATAA? G K I I	OTOCAAAAT	T & A	TOTACACAC	AAACTITOT	TCTOGAATOC	AOTTTCTOOC	TTOTA
490	500	510	520	530	540	530	560	570	500	100	600
TCAGCATAGACAGATAT	OTOOCAOTAI V A V	T X V	P S Q	CAGGAGGAGG	DANACCATO	TOGATCATCT	orneroro	CTOUATOOC	A I L	TOAGCATACO	CCAOC
610	620	630	640	650	660	670	680	690	700 4	710	720
L V F Y T V	AATGACAAT H D H	A R C	ATTCCCATTT	PPR1	CCTAGGAAC	ATCANTOANA	CATTOATTC	N L E	ATCTOCATTO	HATTITUTES.	ACCCT
730	740	750	760	770	760	790	800	810	020	5 830	440
F L E H G V	C Y F	ATCHCAGCA I T A	ADDACACTCA	TORRORADT I K N N	AAACATTAA	ANTATOTOGAC	CCCTANNO	TCTOCTCAC	OTCOTTATAC	TTTTCATTOR	CACTO
850	840	870	480	090	900	910	920	930	940	6,50	960
O L P Y H I	V K 7	C R A	APAGACATCA I D 1	TCTACTOOCI	OATCACCAG	TOCANCHTON C M H	GCARACOCM	TOGACATOGO	ATCCAROTCA	CAGAAAGCAT	COCNE
970	940	990	1000	1010	1020	1030	1040	1050	1060	1070	1000
L F H & C L	AACCCAATCC	L Y V	TTATGOGAG	CATCTITCAL	AAACTACOT	PATOAAAOTAO	CCANGAAATI	7920700700	Harranchar	CHEALOTON	00400
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ACTITICATION DE	UNGGGTCCTI	NCAGAGCCA	ACCAUTACTT	TRACCATTE	UAGGTANA	TOCTCTOCCT	7770C77 0G/	TACATATON	TOATOCTER	CCCTCAAATA	WYCY 1100
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LSTO 1: ACTOGOTGAAGGOTACC	360 1	1590	1600	1610	1620	1610	1640	1650	1660	1670	1600
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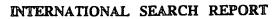
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INTERNATIONAL SEARCH REPORT

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A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C12N15/12 C07K14/47 C07K14	/705 C07K16/28 G01	N33/566
According to	o International Patent Classification (IPC) or to both national class	ification and IPC	
B. FIELDS	SEARCHED		
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Documenta	tion searched other than minimum documentation to the extent the	at such documents are included in the fields	searched
Electronic d	lata base consulted during the international search (name of data	base and, where practical, search terms use	od)
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	NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Kaas, V	

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